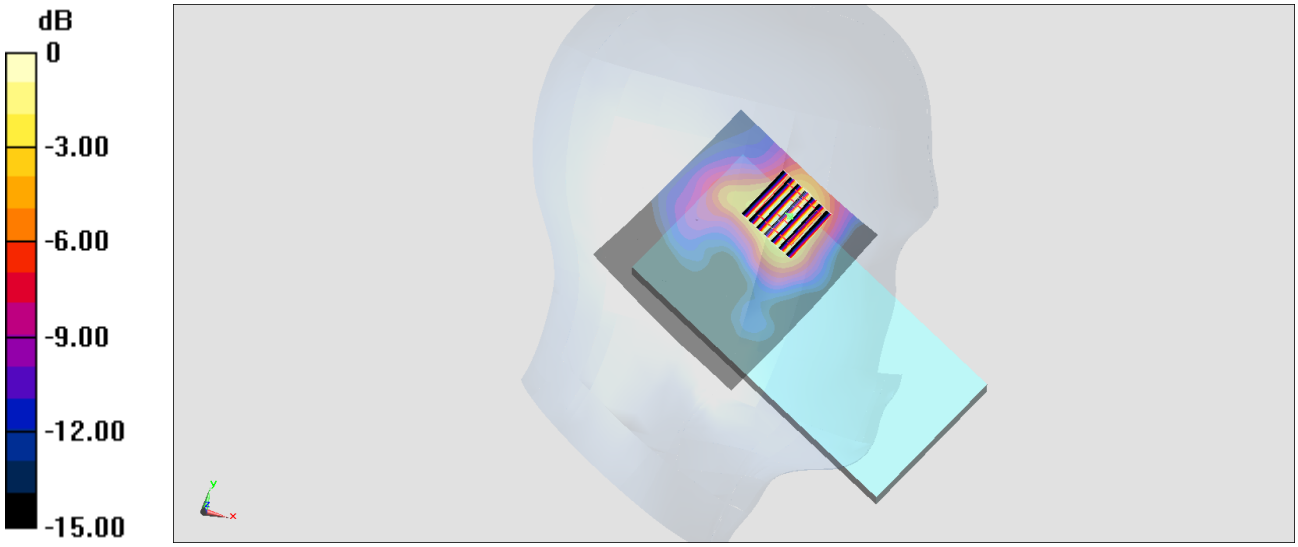
# #01_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch6;Ant 1

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.008
Medium: HSL_2450_190503 Medium parameters used : f = 2437 MHz; $\sigma$ = 1.802 S/m; $\varepsilon_r$ = 38.936; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.6, 4.6, 4.6) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.434 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.30 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.723 W/kg
**SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.171 W/kg**
Maximum value of SAR (measured) = 0.444 W/kg




0 dB = 0.444 W/kg = -3.53 dBW/kg

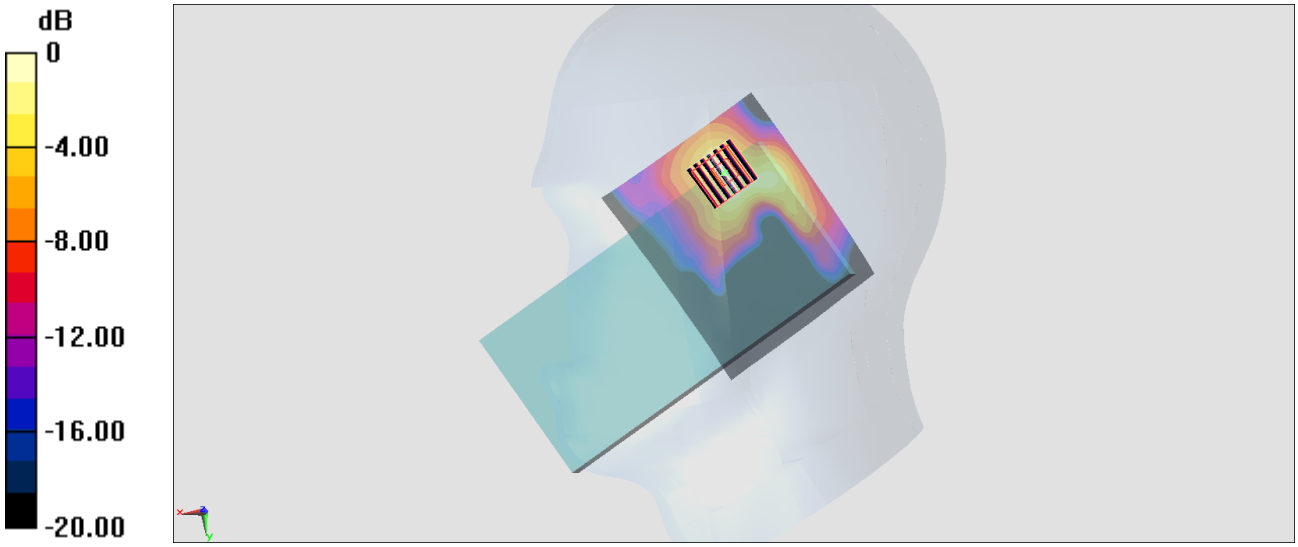
## #02_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch60;Ant 2

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1.06
Medium: HSL_5G_190504 Medium parameters used : f = 5300 MHz; $\sigma$ = 4.8 S/m; $\varepsilon_r$ = 36.023; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.12, 5.12, 5.12) ; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (111x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.70 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.76 W/kg
**SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.169 W/kg**
Maximum value of SAR (measured) = 1.11 W/kg




0 dB = 1.11 W/kg = 0.45 dBW/kg

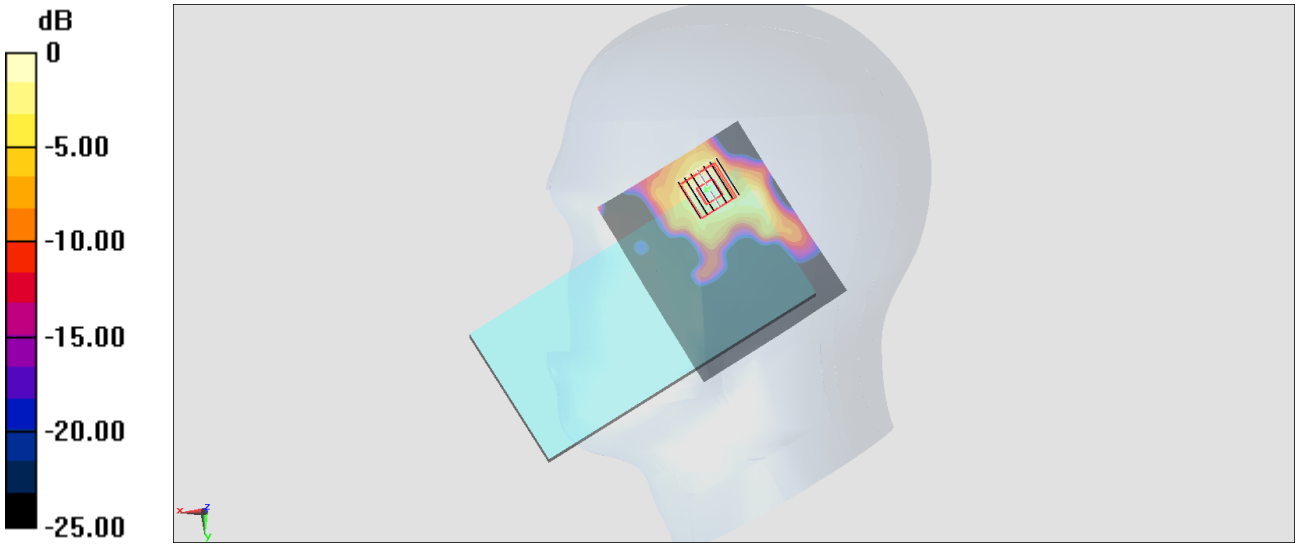
## #03_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch100;Ant 2

Communication System: 802.11a ; Frequency: 5500 MHz;Duty Cycle: 1:1.06
Medium: HSL_5G_190506 Medium parameters used: f = 5500 MHz; $\sigma$ = 4.982 S/m; $\varepsilon_r$ = 35.679; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(4.83, 4.83, 4.83) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (111x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.838 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.984 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.37 W/kg
**SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.105 W/kg**
Maximum value of SAR (measured) = 0.830 W/kg




0 dB = 0.830 W/kg = -0.81 dBW/kg

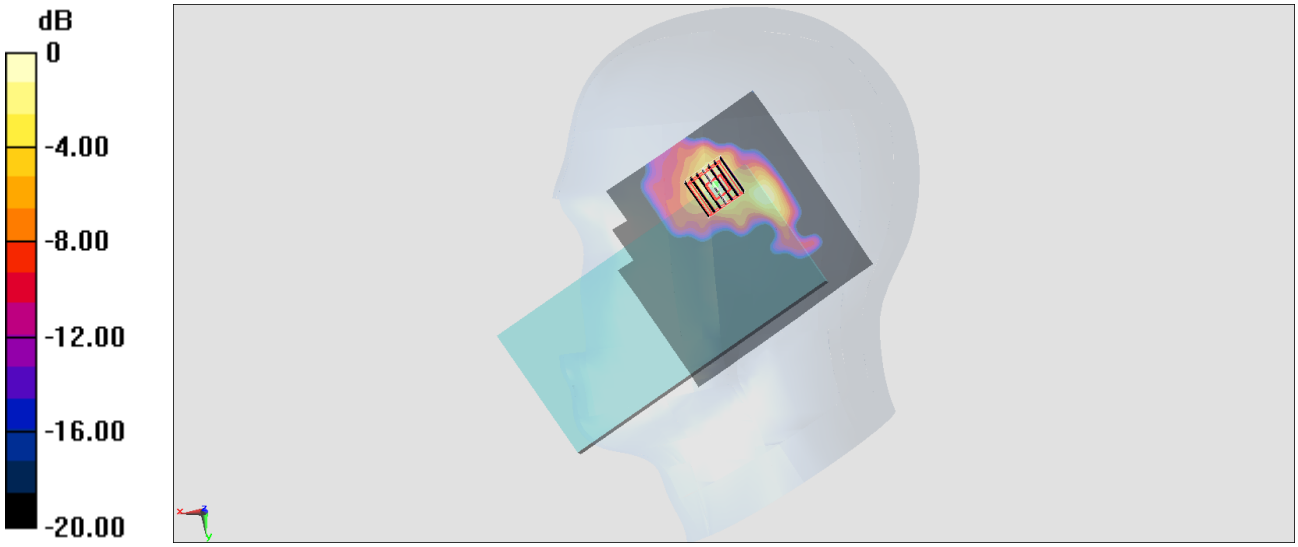
## #04_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch157;Ant 2

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium: HSL_5G_190507 Medium parameters used : f = 5785 MHz; $\sigma$ = 5.219 S/m; $\varepsilon_r$ = 35.868; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.72, 4.72, 4.72) ; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.854 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.41 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.61 W/kg
**SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.107 W/kg**
Maximum value of SAR (measured) = 0.916 W/kg




0 dB = 0.916 W/kg = -0.38 dBW/kg

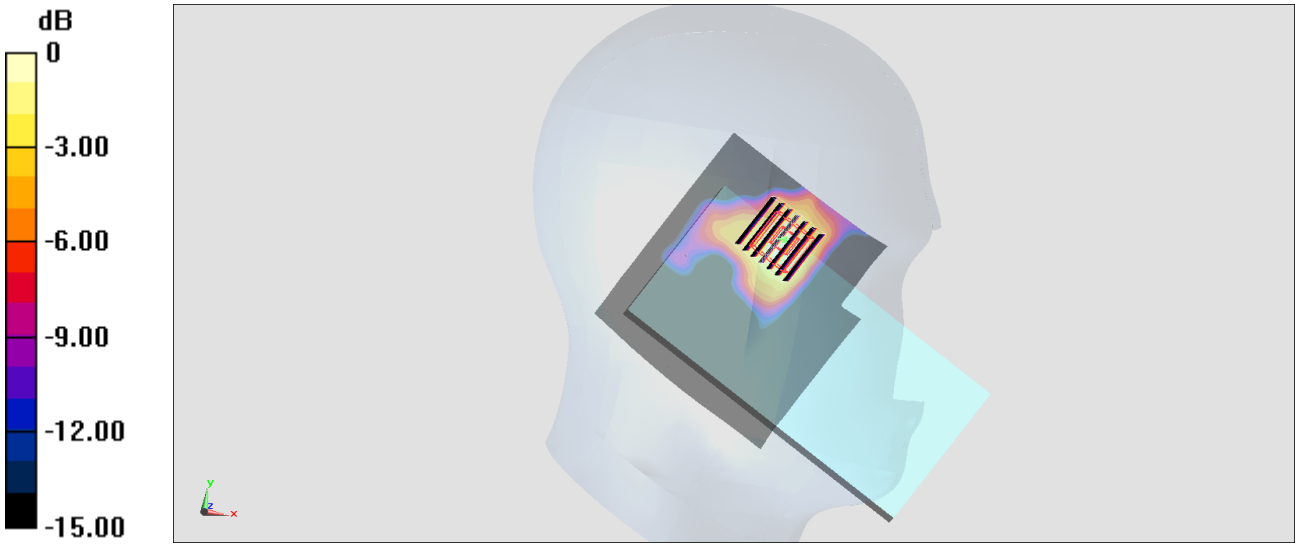
## #05_Bluetooth_1Mbps_Left Cheek_Ch39;Ant 1

Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.311
Medium: HSL_2450_190503 Medium parameters used: f = 2441 MHz; $\sigma$ = 1.806 S/m; $\varepsilon_r$ = 38.922; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.6, 4.6, 4.6) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (101x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0226 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.079 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0360 W/kg
**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.0078 W/kg**
Maximum value of SAR (measured) = 0.0231 W/kg




0 dB = 0.0231 W/kg = -16.36 dBW/kg

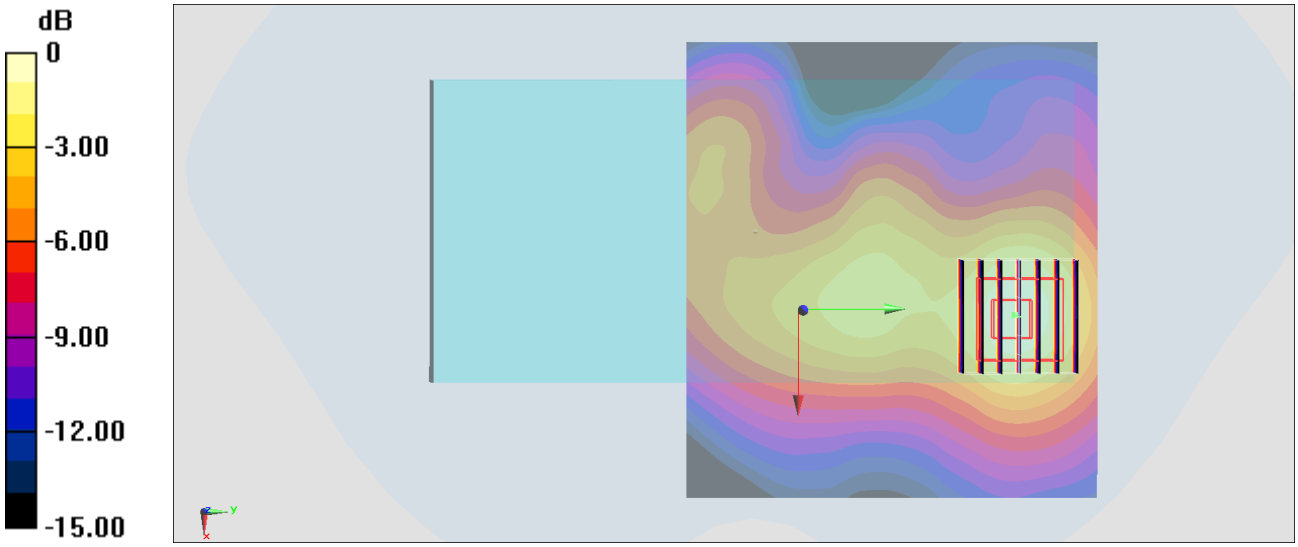
# #06_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch11;Ant 2

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.008
Medium: HSL_2450_190503 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.828 S/m; $\varepsilon_r$ = 38.837; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.6, 4.6, 4.6) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (101x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.422 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.94 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.614 W/kg
**SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.167 W/kg**
Maximum value of SAR (measured) = 0.403 W/kg




0 dB = 0.403 W/kg = -3.95 dBW/kg

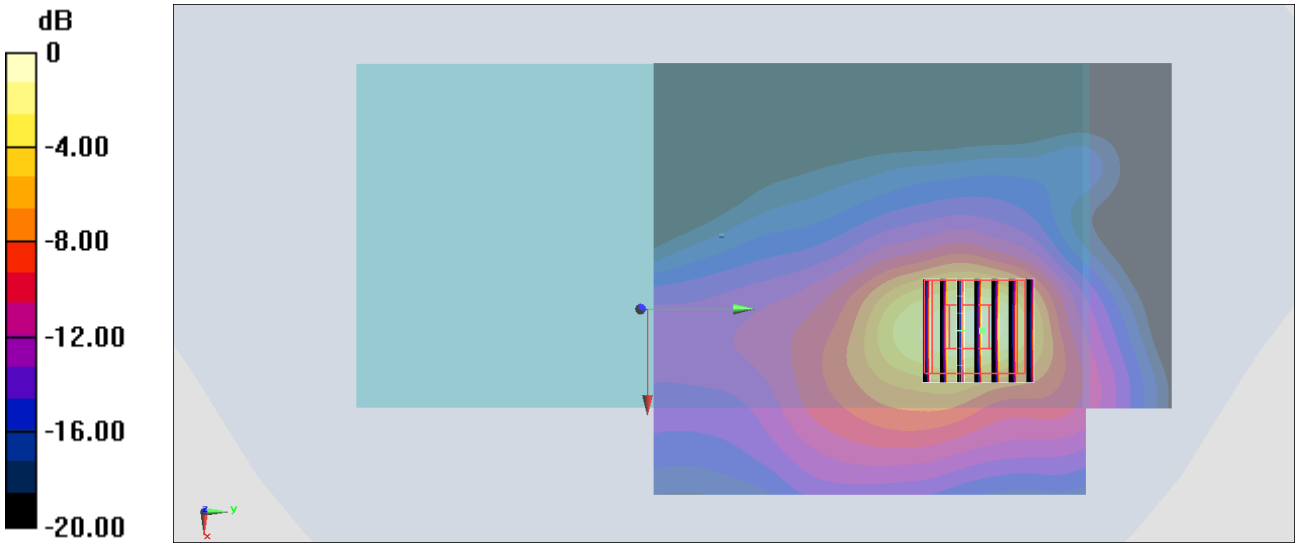
## #07_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch60;Ant 2

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1.06
Medium: HSL_5G_190504 Medium parameters used : f = 5300 MHz; $\sigma$ = 4.8 S/m; $\varepsilon_r$ = 36.023; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.12, 5.12, 5.12) ; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.85 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.88 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.38 W/kg
**SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.335 W/kg**
Maximum value of SAR (measured) = 2.10 W/kg




0 dB = 2.10 W/kg = 3.22 dBW/kg

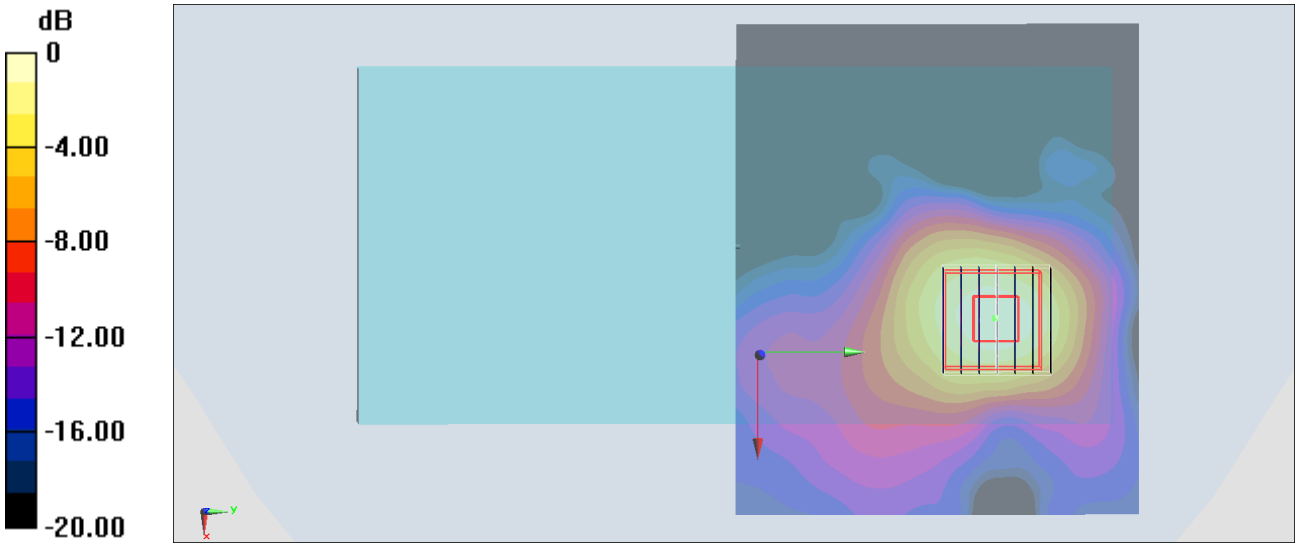
# #08_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch144;Ant 2

Communication System: 802.11a ; Frequency: 5720 MHz;Duty Cycle: 1:1.06
Medium: HSL_5G_190506 Medium parameters used: f = 5720 MHz; $\sigma$ = 5.199 S/m; $\varepsilon_r$ = 35.45; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.72, 4.72, 4.72) ; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (111x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.22 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.47 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.55 W/kg
**SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.333 W/kg**
Maximum value of SAR (measured) = 2.07 W/kg




0 dB = 2.22 W/kg = 3.46 dBW/kg

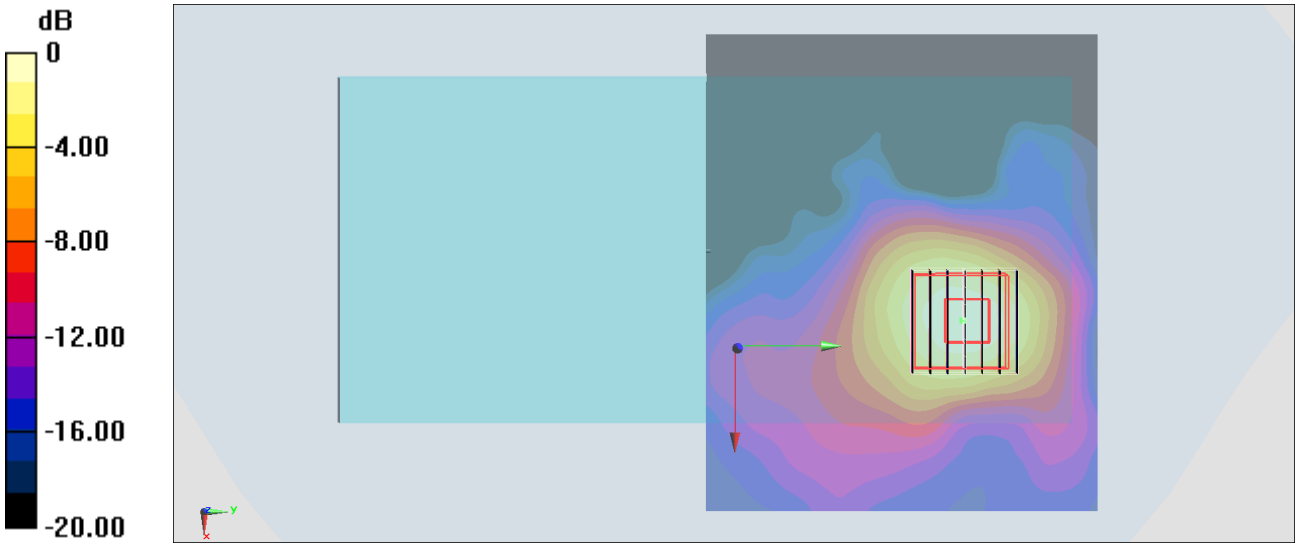
# #09_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch157;Ant 2

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium: HSL_5G_190506 Medium parameters used : f = 5785 MHz; $\sigma$ = 5.265 S/m; $\varepsilon_r$ = 35.385; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.72, 4.72, 4.72) ; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (111x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.07 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.30 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 3.39 W/kg
**SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.330 W/kg**
Maximum value of SAR (measured) = 1.94 W/kg




0 dB = 2.07 W/kg = 3.16 dBW/kg

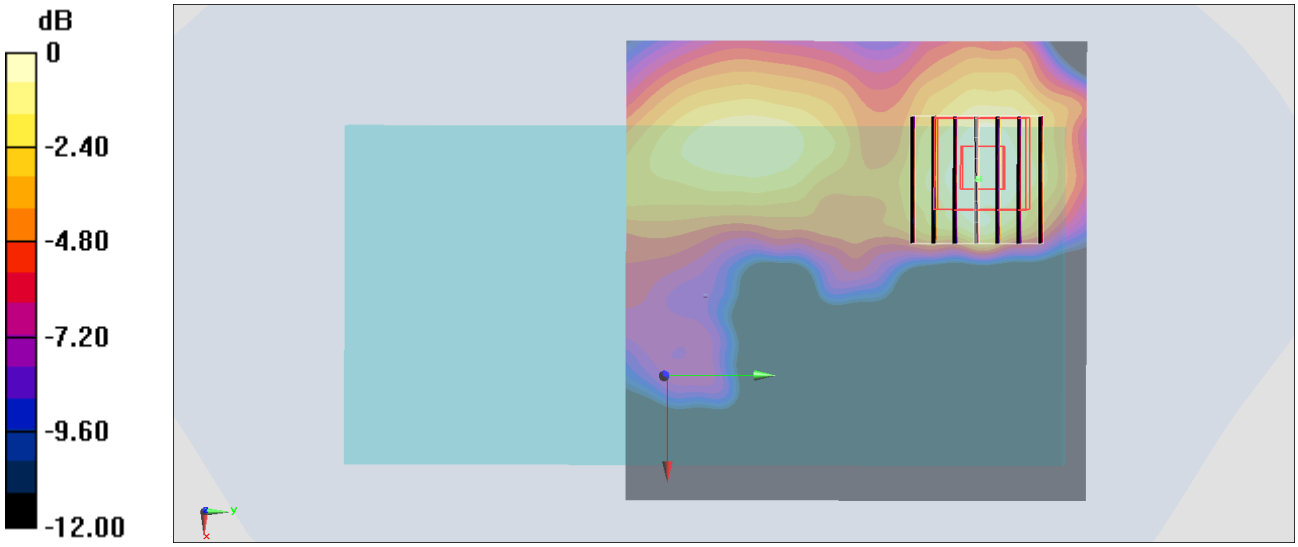
## #10_Bluetooth_1Mbps_Back_10mm_Ch39;Ant 1

Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.311
Medium: HSL_2450_190503 Medium parameters used: f = 2441 MHz; $\sigma$ = 1.806 S/m; $\varepsilon_r$ = 38.922; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.6, 4.6, 4.6) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0168 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.944 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0250 W/kg
**SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00605 W/kg**
Maximum value of SAR (measured) = 0.0157 W/kg




0 dB = 0.0157 W/kg = -18.04 dBW/kg

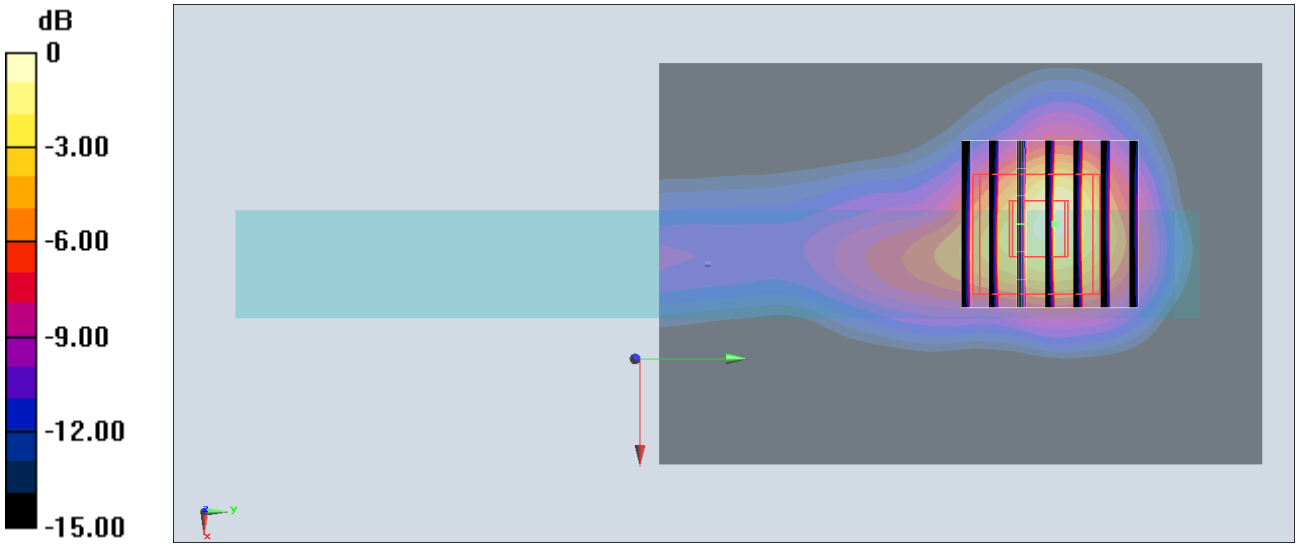
# #11_WLAN2.4GHz_802.11b 1Mbps_Left Side_0mm_Ch11;Ant 2

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.008
Medium: HSL_2450_190503 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.828 S/m; $\varepsilon_r$ = 38.837; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.6, 4.6, 4.6) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (61x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.97 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.78 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 7.18 W/kg
**SAR(1 g) = 2.32 W/kg; SAR(10 g) = 0.826 W/kg**
Maximum value of SAR (measured) = 3.35 W/kg




0 dB = 3.35 W/kg = 5.25 dBW/kg

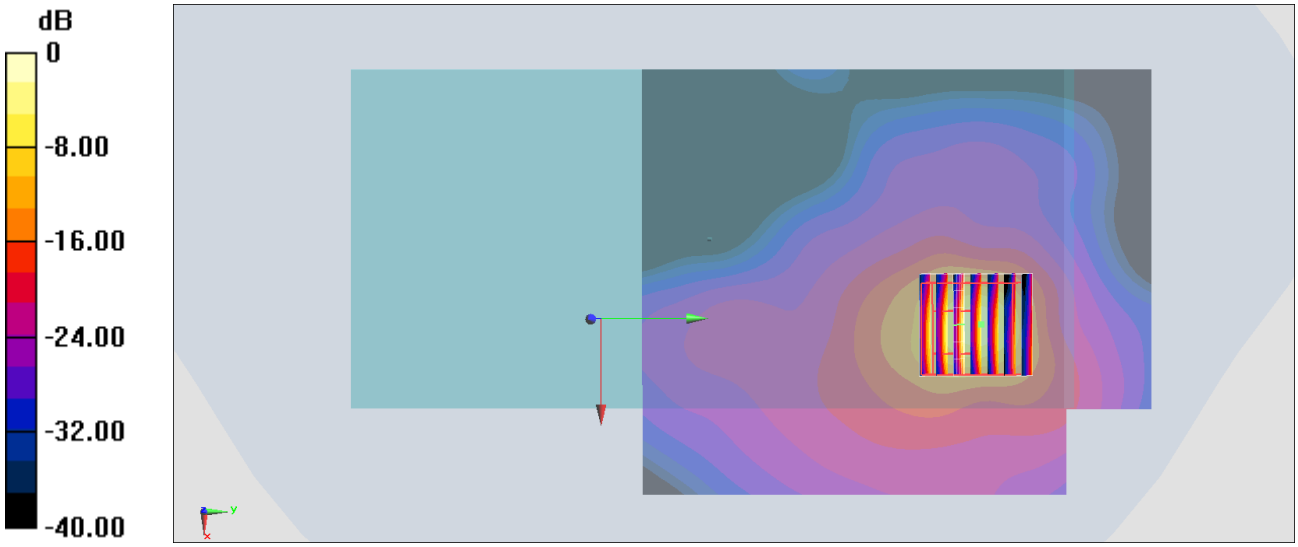
## #12_WLAN5GHz_802.11a 6Mbps_Back_0mm_Ch60;Ant 2

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1.06
Medium: HSL_5G_190504 Medium parameters used : f = 5300 MHz; $\sigma$ = 4.8 S/m; $\varepsilon_r$ = 36.023; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.12, 5.12, 5.12) ; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 12.0 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.73 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 57.1 W/kg
**SAR(1 g) = 9.1 W/kg; SAR(10 g) = 1.75 W/kg**
Maximum value of SAR (measured) = 25.5 W/kg




0 dB = 25.5 W/kg = 14.07 dBW/kg

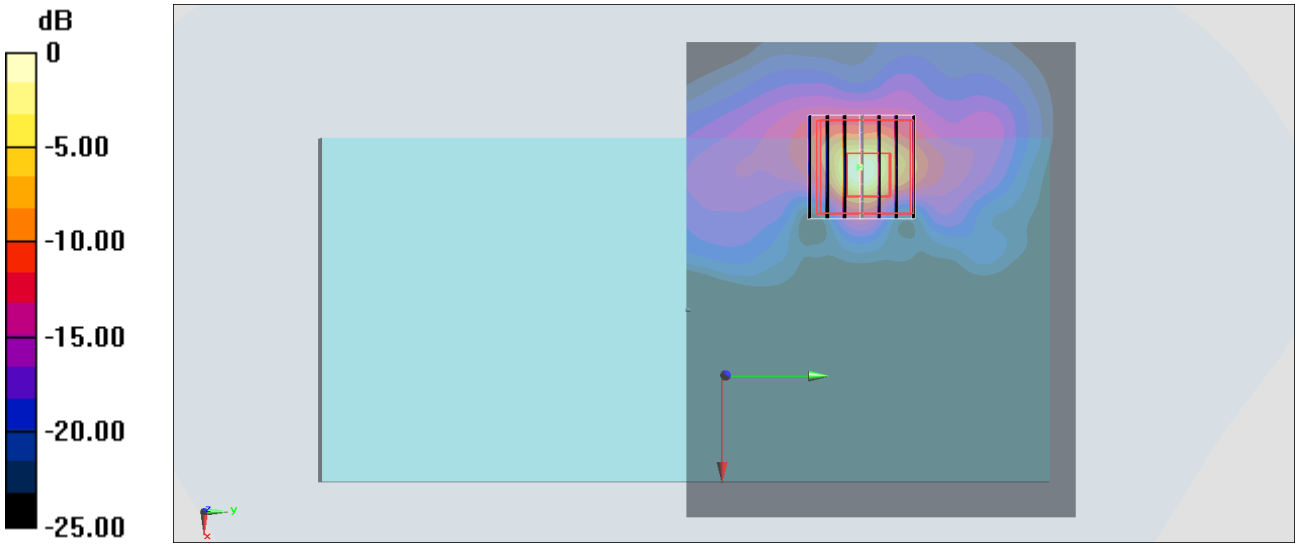
## #13_WLAN5GHz_802.11a 6Mbps_Back_0mm_Ch100;Ant 1

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1.06
Medium: HSL_5G_190507 Medium parameters used: f = 5500 MHz; $\sigma$ = 4.908 S/m; $\varepsilon_r$ = 36.192; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.47, 4.47, 4.47) ; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (111x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.0 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.07 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 44.8 W/kg
**SAR(1 g) = 6.13 W/kg; SAR(10 g) = 1.14 W/kg**
Maximum value of SAR (measured) = 18.0 W/kg




0 dB = 18.0 W/kg = 12.55 dBW/kg

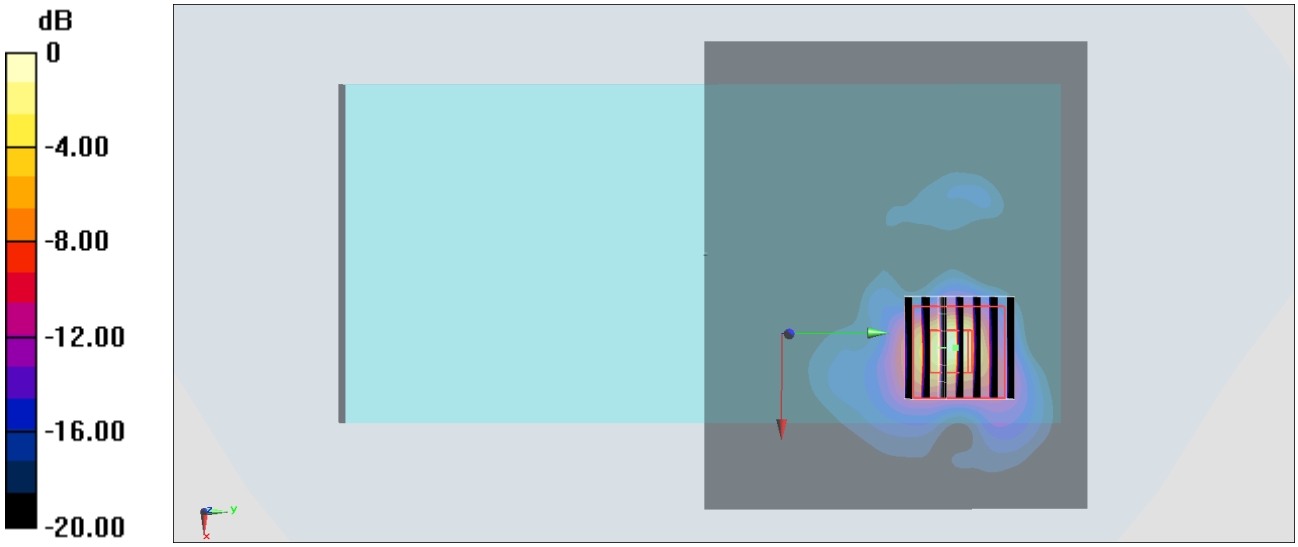
## #14_WLAN5GHz_802.11a 6Mbps_Back_0mm_Ch149;Ant 2

Communication System: 802.11a ; Frequency: 5745 MHz;Duty Cycle: 1:1.06
Medium: HSL_5G_190507 Medium parameters used : f = 5745 MHz; $\sigma$ = 5.174 S/m; $\varepsilon_r$ = 35.868; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.72, 4.72, 4.72) ; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (111x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 11.4 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.92 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 32.0 W/kg
**SAR(1 g) = 4.7 W/kg; SAR(10 g) = 0.948 W/kg**
Maximum value of SAR (measured) = 14.3 W/kg




0 dB = 14.3 W/kg = 11.55 dBW/kg

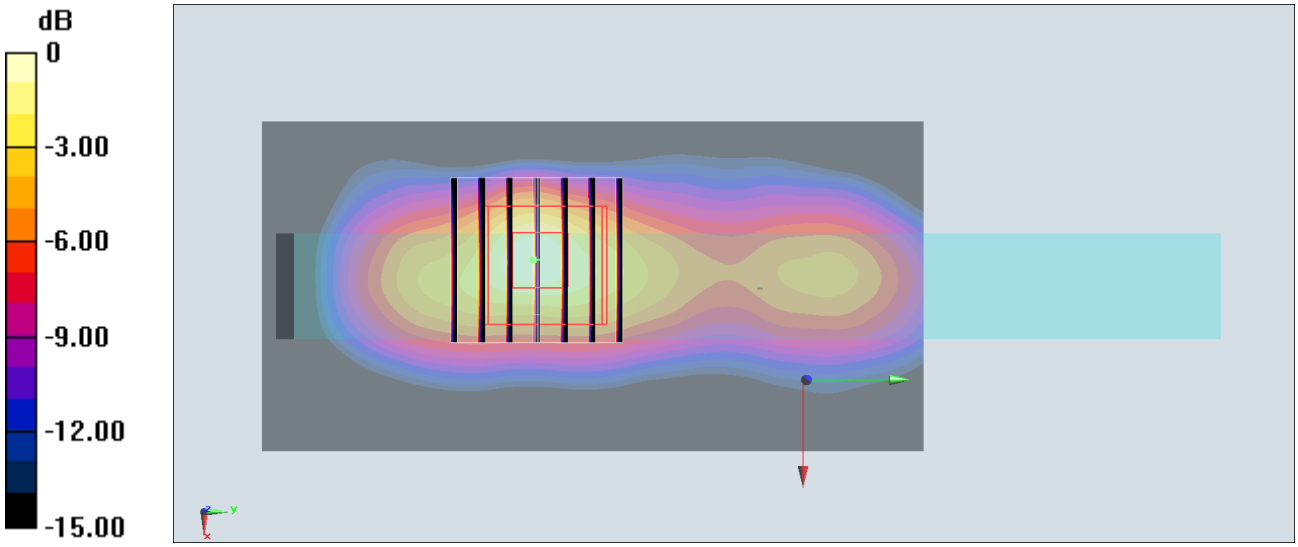
## #15_Bluetooth_1Mbps_Right Side_0mm_Ch39;Ant 1

Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.311
Medium: HSL_2450_190503 Medium parameters used: f = 2441 MHz; $\sigma$ = 1.806 S/m; $\varepsilon_r$ = 38.922; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.6, 4.6, 4.6) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.101 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.133 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.190 W/kg
**SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.029 W/kg**
Maximum value of SAR (measured) = 0.102 W/kg




0 dB = 0.102 W/kg = -9.91 dBW/kg